

# Jiaqi Feng

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

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### San Jose State University

Sept. 2019 - Present

- B.S. in Software Engineering; Senior standing; Graduating in summer 2021.

### Diablo Valley College

Jan. 2017 - May 2019

- A.S. in Computer Science; Graduated with honors.

## SKILLS

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Languages: Dart, Swift, Go, Python, C#, C/C++, Java, JavaScript, TypeScript

Frameworks: Flutter, SwiftUI, React, UIKit, .Net

Others: Core Data, CSS, HTML, HTTP, JSON, Kafka, SQL, SQLite, SVN, AWS, Google Firebase, Git, OAuth, TensorFlow Lite

## EXPERIENCE

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### Proofpoint, Inc.

May. 2020 - Present

*Software Engineer Intern*

- Implemented database migration scripts from Ruby on Rails 4.x to 5.x.
- Implemented a monitoring system in Go for detecting malfunctions of components.
- Implemented and integrate unit tests.
- Rewrote parts of Go CLI library to provide better maintainability for the existing project.

## PERSONAL PROJECTS

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### [NumberTicker](#) (Dart)

Mar. 2021 - Present

- NumberTicker is a flutter package written in Dart that provides a Robinhood-like number ticker widget for displaying changing number.

### [Tasky](#) (Swift, iOS)

Jan. 2021 - Present

- Tasky is a task management app made with SwiftUI that allows users to manage their personal projects using Kanban method. Users can also invite others to collaborate on the project.
- Utilized Firebase for user account management and data synchronization.

### [WerewolfJudge](#) (Dart, iOS & Android)

Aug. 2020 - Present

- WerewolfJudge is an app that can act as the moderator of the social deduction game, Werewolf. It supports over 20 different roles, and by using FirebaseAuth API, Players can sign up using phone number, Gmail, Apple ID, or even simply sign in anonymously without exposing any personal information.
- Utilized Firebase for user account management and game data processing.

### [Churu](#) (Dart, iOS)

July 2020

- Churu is an expense tracking app that looks nice.

### [CoronaCounter](#) (Swift, Mac)

Apr. 2020

- CoronaCounter is a simple utility application for Mac OS to display the statistics of Coronavirus, fetched from Wikipedia by parsing HTML using Xpath, of selected country on status bar.

### [Manji](#) (Dart, iOS & Android)

Mar. 2019 - Present

- Manji, capable of running on both Android and iOS, is a Japanese Kanji dictionary application packed with tons of helpful features. From basic functionalities like kanji stroke animation, customizable study list, dynamically generated quiz, user-generated data synchronization to

features like hand-written kanji recognition, image kanji extraction. You will certainly be surprised by things you can find in this app.

- Designed a Flutter library for displaying Japanese ruby characters.
- Implemented handwritten kanji recognition using TensorFlow Lite.
- Implemented Japanese text extraction feature using Google Cloud Vision API enabling users to extract kanji characters from images.

#### **Animey (Dart, Android)**

**Mar. 2019 - May 2019**

- Animey is a mobile client using Dart and Flutter, for <https://kitsu.io>
- Utilized query selectors for data extractions.
- Designed a library for loading data from both the API provided by <https://kitsu.io> and local databases in order to increase performance of the app on resource constrained mobile devices.

#### **Dumbbell (Dart, iOS & Android)**

**Dec. 2018 - Present**

- Dumbbell is a mobile application that helps users design and keep track of their workout routines using Dart and Flutter.
- Utilized Firebase for cloud storage, data synchronization and user account management.

#### **Kanjirin (C#, Windows)**

**Sept. 2017 - Apr. 2018**

- Kanjirin is a Japanese Kanji dictionary application written in C# and designed for Windows platform. It uses SQLite for dictionary file and user-generated data storage. Other than information about two thousand Kanji, Kanjirin can also fetch example sentences from websites.
- Implemented several scrapers using C# to fetch kanji data from various websites.